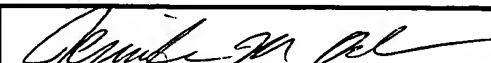


If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known		
		Application Number	10/716,796	
		Filing Date	11/20/2003	
		First Named Inventor	Raja Singh Tuli	
		Art Unit	2873	
		Examiner Name		
Sheet 1		of 2	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JMP		NAKAYAMA K et al, Charge-injection controlled organic transistor, Applied Physics letters, 2003, Vol. 82, No. 25, Pg. 4584	
JMP		NAKAYAMA K et al, Photocurrent mutiplication at organic/metal interface and surface morphology of organic films, Journal of Applied Physics, 2000, Vol. 87, No. 7, Pg 3365	
JMP		NAKAYAMA K et al, A high speed photocurrent mutiplication device based on an organic double-layered structure, Applied Physics Letters, 2000, Vol. 76, No. 9, Pg. 1194	
JMP		NAKAYAMA K et al, Direct Tracing of the photocurrent mutiplication process in an organic pigment film, Journal of Applied Physics, 1998, Vol. 84, No.11, Pg. 6154	
JMP		HIRAMATO M et al, Photocurrent mutiplication in amorphous silicon carbide films, Applied Physics Letters, 1991, Vol. 59, No. 16, Pg. 1992	
JMP		HIRAMATO M et al, Photocurrent mutiplication in organic pigment films, Applied Physics Letters, 1994, Vol. 64, No. 2, Pg. 187	
JMP		HIRAMATO M et al, spatially addressable light transducer....., Applied Physics Letters, 1990, Vol. 57, No. 16, Pg. 1625	
JMP		HIRAMATO M et al, Photocurrent mutiplication in organic single crystals, Applied Physics Letters, 2002, Vol. 81, No. 8, Pg.1500	
JMP		HIRAMATO M et al, Direct measurement of internal potential distribution in organic electroluminescent diodes....., Applied Physics Letters, 2000, Vol. 76, No. 10, Pg. 1336	
JMP		HIRAMATO M et al, Field-activated structural traps at organic pigment/metal interfaces causing photocurrent....., Applied Physics Letters, 1998, Vol. 73, No. 18, Pg. 2627	

Examiner Signature		Date Considered	5/25/05
--------------------	---	-----------------	---------


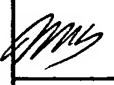




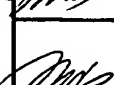
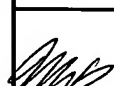

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/716,796
		Filing Date	11/20/2003
		First Named Inventor	Raja Singh Tuli
		Art Unit	2873
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HIRAMATO M et al, Light amplification in a new light transducer combining....., Optical Review, 1994, Vol. 1, No. 1, Pg. 82	
		HIRAMATO M et al, Photocurrent multiplication phenomena at organic/metal and organic/organic interfaces, Thin Solid Films, 1998, No. 331, Pg. 71-75	
		KATSUME T et al, Photocurrent multiplication in naphthalene tetracarboxylic anhydride film at room temprature, Applied Physics Letters, 1996, Vol. 69, No. 24, Pg. 3722	
		TANO T et al, Observation of photoassisted electroluminescent., Extended Abstracts 2001 International Conferences on Solid State Devices and Materials, Tokyo, Pg. 638-639	
		NI J et al, Organic light emitting diode with TiOPc layer....., Jpn. J. Appl. Phys., 2001, Vol. 40, Pg. L948-L951	
		KATSUME T et al, Light amplification device using organic electroluminescent diode coupled with photoresponsive....., Applied Physics Letters, 1995, Vol. 66, No. 22, Pg. 2992	
		KATSUME T et al, High photon conversion in a light transducer combining organic electroluminescent diode....., Applied Physics Letters, 1994, Vol. 64, No. 19, Pg. 2546	
		CHIKAMATSU M et al, Light up-conversion from near-infrared to blue using a photoresponsive organic light emitting device, Applied Physics Letters, 2002, Vol. 81, No. 4, Pg.769	
		MATSUNBO G et al, High-speed multiplication-type photodetecting device using organic codeposited films, Applied Physics Letters, 2002, Vol. 81, No. 7, Pg. 1321	

Examiner Signature 	Date Considered 5/25/05
--	-------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.